SSR-001-2 PATENT

## FIDUCIAL DESIGNS AND POSE ESTIMATION FOR AUGMENTED REALITY Roy T. Hashimoto

## ABSTRACT OF THE DISCLOSURE

Novel fiducial designs that are based on a plane circle are Disclosed. These fiducial designs can provide five or six degree of freedom poses with a single fiducial using efficient closed form solutions. A novel pose estimation method is used to select the appropriate solution from the multiple solutions obtained, given certain application assumptions, is also disclosed.